

09/807519

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Sequence listing:

Applicants: Commonwealth Scientific and Industrial Research
Organisation

5 University of Western Sydney (Nepean)
Pig Research and Development Corporation

Title of the Invention: Delivery system for porcine somatotropin

10 Prior Application Number: PP 6556
Prior Application Filing Date: 1998-10-16

15 Number of SEQ ID NOs: 4

Software: PatentIn Ver. 2.1

SEQ ID NO: 1
Length: 24
20 Type: PRT
Organism: Homo sapien

Sequence: 1
Met Ala Leu Trp Met Arg Leu Leu Pro Leu Leu Ala Leu Leu Ala Leu
25 1 5 10 15

Trp Gly Pro Asp Pro Ala Ala Ala
20

30
SEQ ID NO: 2
Length: 72
Type: DNA
Organism: Homo sapien

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Sequence: 2

atggccctgt ggatgcgct cctgcccctg ctggcgctgc tggccctctg gggacctgac 60
ccagccgcag cc

SEQ ID NO: 3

Length: 666

Type: DNA

Organism: Artificial Sequence

Feature:

Other Information: Description of Artificial Sequence: ISS-pST gene
construct

Sequence: 3

gctagcatgg cctgtggat gcgcctcctg cccctgctgg cgctgctggc cctctgggga 60
cctgaccag ccgcagccct cgagatgttt ccagctatgc cactttcttc tctgttcgct 120
aacgctgttc ttggggccca gcacctgcac caactggctg ccgacaccta caaggagttt 180
gagcgcgctt acatcccggg gggacagagg tactccatcc agaacgcca ggctgccttc 240
tgcttctcgg agaccatccc ggccccacg ggcaaggacg aggcccagca gagatcggac 300
gtggagctgc tgcgcttctc gctgctgctc atccagtcgt ggctcggggc cgtgcagttc 360
ctcagcaggg tcttcaccaa cagcctggtg tttggcacct cagaccgct ctacgagaag 420
ctgaaggacc tggaggagg catccaggcc ctgatgcggg agctggagga tggcagcccc 480
cgggcaggac agatcctcaa gcaaacctac gacaaatttg acacaaactt gcgcagtgat 540
gacgcgctgc ttaagaacta cgggctgctc tctgcttca agaaggacct gcacaaggct 600
gagacatacc tgcgggtcat gaagtgtcgc cgcttcgtgg agagcagctg tgctttctag 660
tctaga 666

SEQ ID NO: 4

Length: 217

Type: PRT

Organism: Artificial Sequence

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Feature:

Other Information: Description of Artificial Sequence: ISS-pST
peptide sequence

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Sequence: 4

Met Ala Leu Trp Met Arg Leu Leu Pro Leu Leu Ala Leu Leu Ala Leu
1 5 10 15

10

Trp Gly Pro Asp Pro Ala Ala Ala Leu Glu Met Phe Pro Ala Met Pro
20 25 30

Leu Ser Ser Leu Phe Ala Asn Ala Val Leu Arg Ala Gln His Leu His
35 40 45

15

Gln Leu Ala Ala Asp Thr Tyr Lys Glu Phe Glu Arg Ala Tyr Ile Pro
50 55 60

20

Glu Gly Gln Arg Tyr Ser Ile Gln Asn Ala Gln Ala Ala Phe Cys Phe
65 70 75 80

Ser Glu Thr Ile Pro Ala Pro Thr Gly Lys Asp Glu Ala Gln Gln Arg
85 90 95

25

Ser Asp Val Glu Leu Leu Arg Phe Ser Leu Leu Leu Ile Gln Ser Trp
100 105 110

Leu Gly Pro Val Gln Phe Leu Ser Arg Val Phe Thr Asn Ser Leu Val
115 120 125

30

Phe Gly Thr Ser Asp Arg Val Tyr Glu Lys Leu Lys Asp Leu Glu Glu
130 135 140

35

Gly Ile Gln Ala Leu Met Arg Glu Leu Glu Asp Gly Ser Pro Arg Ala
145 150 155 160

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Gly Gln Ile Leu Lys Gln Thr Tyr Asp Lys Phe Asp Thr Asn Leu Arg

165

170

175

5 Ser Asp Asp Ala Leu Leu Lys Asn Tyr Gly Leu Leu Ser Cys Phe Lys

180

185

190

Lys Asp Leu His Lys Ala Glu Thr Tyr Leu Arg Val Met Lys Cys Arg

195

200

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Arg Phe Val Glu Ser Ser Cys Ala Phe

210

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